

Mars Exploration Science Monthly Newsletter

A publication of the Mars Program Office and the Mars Exploration Program Analysis Group (MEPAG)

November 2015

Mars Science News

NEW PLANETARY SCIENCE NUGGETS WEBSITE

A new website repository has been created for the collection of NASA SMD Planetary Science Nuggets for 2014-2015:

<http://www.lpi.usra.edu/nuggets/>

Planetary Science Nuggets are PowerPoint slides that have been provided to NASA's SMD Planetary Science Division by members of the scientific community to highlight important science results or mission activities. A subset of these submissions are selected by the Planetary Science Division to be presented to SMD leadership and potentially NASA leadership, OSTP, and the White House. The collection on this website represents those selected nuggets and will be updated as new nuggets are accepted. (On the website, you will also find a PowerPoint Presentation by Jim Green on how to prepare nuggets:

http://www.lpi.usra.edu/opag/meetings/aug2015/presentations/day-1/2_green.pdf Dr. Green encourages anyone in the planetary science community to submit nuggets.)

The nugget coordinator at JPL is Dr. Lindsay Hays (Lindsay.E.Hays@jpl.nasa.gov); mission nuggets should be communicated through the mission program scientist; and R&A science nuggets should be communicated through the Headquarters program scientist who funded the work.

THREE-DAY TRAINING COURSE ON PLANETARY PROTECTION

Course: "Planetary Protection: Policies and Practices"

Dates: February 2-4, 2016

Location: Kennedy Space Center, Florida

We cordially invite all interested parties to participate in the upcoming course on Planetary Protection Policies and Practices, which is designed to familiarize current and future practitioners with NASA, ESA, and COSPAR planetary protection programs. The course provides an overview of applicable policies, practices and procedures necessary to implement a successful planetary protection program, emphasizing integration of managerial, administrative, and laboratory activities. It is supported by the NASA Planetary Protection Officer.

Go to: <http://planetaryprotection.nasa.gov/course>

Enrollment: 14 participants

Application: contact tasalb@msn.com

SSERVI "Planetary Evolution: Phobos and Deimos" lecture series

Online, Mondays at 3-4:30pm ET, September 14-December 7

NASA's Solar System Exploration Research Virtual Institute (SSERVI) announces the "Planetary Evolution: Phobos and Deimos" lecture series, organized by Dan Britt and Carle Pieters. Talks will be broadcast online every Monday at 3pm ET at: <https://connect.arc.nasa.gov/marsmoons/> (The same link will be used for each seminar, active 30 mins before each talk).

All talks will be archived at:

<http://sservi.nasa.gov/event/planetary-evolution-phobos-and-deimos/>

Near-term Due Dates (next three months)

Due	Project
November 16	International Symposium on Moon 2020-2030 Registration deadline
December 11	Water in the Universe: From Clouds to Oceans Abstract deadline
January 12	LPSC Abstract deadline
January 22	International Venus Conference Abstract deadline
January 29	Martian Gullies and their Earth Analogues Abstract deadline

Upcoming Conferences and Workshops

A note about “conferences” and this calendar of events

- Missing NCTS#s (and forecasting deadline, if anomalous) can be sent to Meredith Cosby (Meredith.A.Cosby@jpl.nasa.gov).
- If no deadline is noted: it is usually 90days in advance — sometimes further in advance if the conference is “Heavily Attended.”
- Please do not assume our noting of NCTS# is complete. If you are unsure if an event is a conference or not, or when the forecasting deadline may be, please consult with your NASA Center conference forecasting/travel unit.

Fourth Quarter, 2015

	November 1-4, 2015 Baltimore, MD, USA	Geological Society of America Annual Meeting http://community.geosociety.org/gsa2015/home , NCTS# 22522-16
	November 8-13, 2015 National Harbor, MD, USA	47th Meeting of the American Astronomical Society Division for Planetary Sciences (DPS 2015) http://aas.org/meetings/dps47 , NCTS# 22069-16
	November 9-13, 2015 Foz do Iguacu, BRAZIL	2nd Symposium of the Committee on Space Research (COSPAR 2015): Water and Life in the Universe
New!	December 3, 2015 Virtual Workshop	Polar Regolith (SSERVI workshop without walls) http://sservi.nasa.gov/polar-regolith-workshop/
	December 9-10, 2015 Noordwijk, NETHERLANDS	Mars Express Science Working Team Meeting
	December 14-18, 2015 San Francisco, CA, USA	AGU Fall Meeting http://fallmeeting.agu.org/2015/ , NCTS# 22185-16
	December 15-16, 2015 Noordwijk, NETHERLANDS	International Symposium on Moon 2020-2030: A New Era of Coordinated Human and Robotic Exploration http://spaceflight.esa.int/humanrobotics/

First Quarter, 2016

	January 13, 2016 Tempe, AZ, USA	Mars Odyssey 2001 PSG
New!	January 27-29, 2016 Orlando, FL, USA	14th Meeting of the NASA Small Bodies Assessment Group (SBAG) http://www.lpi.usra.edu/sbag/ , NCTS# 23764-16

First Quarter, 2016 —contd

	March 4, 2016	20-Day Insight Launch Window Opens
	March 5-12, 2016 Big Sky, MT, USA	IEEE Aerospace Conference http://www.aeroconf.org/ , NCTS# 22854-16
Updated!	March 14, 2016	20-Day 2016 ExoMars Launch Period Opens
	March 21-25, 2016 The Woodlands, TX, USA	Lunar and Planetary Science Conference (LPSC) http://www.hou.usra.edu/meetings/lpsc2016/ , NCTS# 23351-16
	March 29-31, 2016 Washington DC, USA	NRC's Committee on Astrobiology and Planetary Science (CAPS)

Second Quarter, 2016

	April 4-8, 2016 Oxford, UK	International Venus Conference http://venus2016.uk/
	April 11-15, 2016 Orlando, FL, USA	ASCE Earth and Space 2016 Conference: 15th Biennial ASCE International Conference on Engineering, Science, Construction, and Operations in Challenging Environments http://earthspaceconf.mst.edu/ , NCTS# 23397-16 Of particular interest -- <i>Symposium 1: Granular Materials in Space Exploration,</i> <i>Symposium 2: Exploration and Utilization of Extraterrestrial Bodies</i>
	April 12-15, 2016 Noordwijk, NETHERLANDS	Water in the Universe: From Clouds to Oceans http://www.congrexprojects.com/2016-events/16a06
New!	May 17-19, 2016 Washington, DC, USA	Humans to Mars Summit http://h2m.exploremars.org/
	May 24-25, 2016 Oxford, UK	iCubeSat 2016, the 5th Interplanetary CubeSat Workshop http://icubesat.org/

Third-Fourth Quarters, 2016

	July 30-August 7, 2016 Istanbul, TURKEY	41st Scientific Assembly of the Committee on Space Research (COSPAR 2016) and Associated Events http://www.cospar-assembly.org
	August 7-12, 2016 Berlin, GERMANY	Annual Meetings of the Meteoritical Society
	September 5-9, 2016 Reykjavik, ICELAND	6th International Conference on Mars Polar Science and Exploration http://www.hou.usra.edu/meetings/marspolar2016/ , NCTS# 23841-16
	September 14-15, 2016 Irvine, CA, USA	NRC's Committee on Astrobiology and Planetary Science (CAPS)
	September 28, 2016	Insight Arrival at Mars
	October 16-21, 2016 Pasadena, CA, USA	Joint DPS-EPSC Meeting
	October 19, 2016	2016 ExoMars (TGO and EDM) Arrival at Mars

Seasons on Mars

	MY33	MY34	MY35
Start of Northern Spring / L _s 0	6/18/2015	5/05/2017	3/23/2019
Start of Northern Summer / L _s 90	1/03/2016	11/20/2017	10/08/2019
Start of Northern Autumn / L _s 180	7/04/2016	5/22/2018	4/08/2020
Start of Northern Winter / L _s 270	11/28/2016	10/16/2018	9/02/2020

Special holidays to consider when scheduling conferences/workshops/meetings

Good Friday	4/3/2015	3/25/2016	4/14/2017	3/30/2018
Rosh Hashanah	9/14/2015	9/16/2016	9/20/2017	9/10/2018
Yom Kippur	9/23/2015	9/25/2016	9/29/2017	9/19/2018

(Note that Jewish holidays start at sundown the previous evening)

Thanksgiving Day, Canada	10/12/2015	10/8/2016	10/9/2017	10/8/2018
Thanksgiving Day, U.S.	11/26/2015	11/22/2016	11/23/2017	11/22/2018
Christmas Day	12/25/2015	12/25/2016	12/25/2017	12/25/2018

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Please send your Mars Community Announcements and calendar items for inclusion in next month's newsletter to:

Meredith Cosby at

Meredith.A.Cosby@jpl.nasa.gov, 818-354-0226.

All announcements listed in this newsletter will be posted on the MEPAG website, available at:

<http://mepag.jpl.nasa.gov>

- If you wish to withdraw from the electronic mailing list this newsletter is sent out to, please send an email from your email account to mepag-removesignup@jpl.nasa.gov.
- To be added to this list and receive this monthly newsletter and other Mars Science announcements, or to update your MEPAG directory information (which contains the email list used for sending out this newsletter), please fill out the online form: <http://goo.gl/forms/WilmhP1M9V> (also linked on the MEPAG website <http://mepag.nasa.gov/>, under Updates).